MAY

S	M	T	W	T	F	S
30	31					1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

JUNE

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

22nd week
145-220

25

Tuesday

Q 4. One of the lenses in your Supple-
is suspected to have $fL = 9.1cm$ rather tha
$9cm$

(a) Write hypothesis test for this situation.

⇒ ① Null hypothesis -

The null hypothesis is that Focal length
is $9cm$ $H_0 = 9$

① Alternate hypothesis - Focal length is
not $9cm$
$H_A \neq 9$

② Sample Mean $\overline{S_1} = 26.6$ $\overline{S_2} = 13.8$

Standard deviation $0.1cm = S_1$
$0.5cm = S_2$